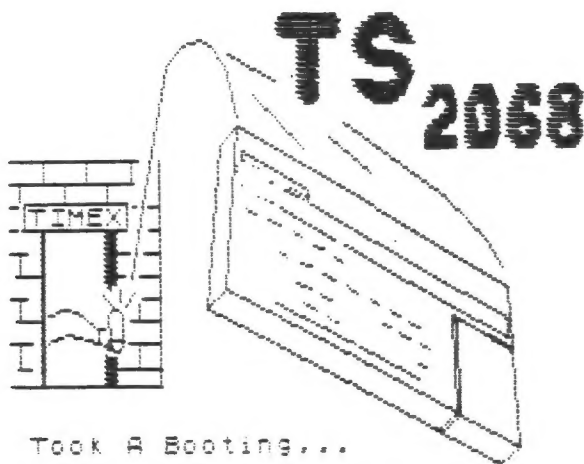


SINCUS NEWS

AUGUST 1984



Took A Booting...
But Kept On Computing!

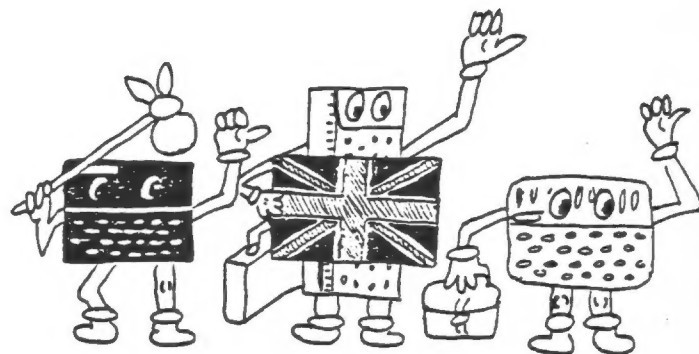
INSIDE:

NEW MEETING LOCATION!
TIMEXly Tips - pg 4
LOTS OF INFO

NEXT MEETING:

WEDNESDAY
AUGUST 15
7:00 PM

FIRST CITY BANK
VESTAL PARKWAY
at MURRAY HILL ROAD



WHERE DO WE GO FROM HERE?
-Wes Brzozowski

SEE PAGES 5 & 6

SINCUS NEWS P.O. Box 523 OWEGO, NY 13827

SYNTAX

SERVING TIMEX-SINCLAIR
PERSONAL COMPUTERS

RD 2 Box 457
Harvard, MA 01451
617/456-3661
MC/VISA/AMEX/Diners/Carte Blanche accepted.

Z/TS RELATED COMPANIES STILL ACTIVELY SUPPORTING TIMEX/SINCLAIR COMPUTERS

Organization	Address	State	ZID	Telephone
Adaj MicroPrive	1050 E Duane Ave Suite I, Sunnyvale	CA	94086	408/732-2922
A.F.M. Software	1605 Penn. Ave. # 204, Miami Beach	FL	33139	305/531-6464
▲ERCO	PMB 18093, Austin	TX	78760	512/331-0719
Aardvark 80	2352 S. Commerce, Walled Lake	MI	48088	313/669-3110
▲Propos Technology	1071A Avenida Acosta, Camarillo	CA	93010	805/482-5604
▲Audio Vision Systems	1279 N. Normandie, Los Angeles	CA	90027	213/660-5217
▲AudioGraph	3584 Leroy St., Ann Arbor	MI	48103	313/769-8859
▲BASically Programming	2528 West Olive Dept S, Fullerton	CA	92633	714/738-0666
▲Banta Software	8088 Highwood Way, Orangevale	CA	95662	916/722-4895
▲Barlog Software	401 N. Geyer Rd., Kirkwood	MO	63122	
Baure, Andre	304 Scott, Chateaugay	NY	12518	514/691-6933
▲Biocal Software	167C Wilson St., Petaluma	CA	94952	
▲Bird Software	2091 Carrick St., Victoria	BC	V8R 2M5	
▲Bratchild Computer Works	PMB 506, Pawaukee	WI	53072	414/691-3903
▲Brown, E. Arthur Co.	3404 Pannee Drive, Alexandria	NH	56308	612/762-8847
▲Byte-Back Co.	Rt 3 Box 147 Brodie Rd, Leesville	SC	29070	803/532-5812
▲Cinaero Software	155 7th St., Rochester	NY	14609	716/654-7614
▲Compusa Corporation	1101 Bristol Rd., Hounatinside	NJ	07092	201/654-1220
▲Computer Continuum	92 Ruskin St., San Francisco	CA	94118	415/752-6294
▲Crystal Coast Software	PMB 233, Morehead City	NC	28557	602/978-2902
▲Cury Computer	5344 W. Barff Lane, Glendale	AZ	85306	215/572-6812
▲D. Lipinski Software	2737 Susquehanna Rd., Roslyn	PA	19001	916/865-5188
▲DMS	PMB 681, Orland	CA	95963	512/854-5873
▲Delphic Enterprises	PMB 72205, Corpus Christi	TX	78472	212/486-0980
▲Discount Software	PMB 2035, New York	NY	10185	212/486-0980
▲Doc's Software	4339 Keysville Ave., Spring Hill	FL	33526	
▲Down East Computers	PMB 3096, Greenville	MA	02169	617/773-1187
▲E-Z Key	Suite 75, 711 S. Artery, Quincy	PA	19034	215/571-0284
▲EHR-2 Company	PMB 635, Fort Washington	CA	92105	503/771-8564
▲E2RA Group II	PMB 5222, San Diego	CA	92106	814/364-1325
▲Executive Workshop	7420 SE Woodstock, Portland	OR	97206	413/268-1505
▲Fingerle, Robert	39639 Embacadero, Fremont	CA	94538	404/243-7369
▲G. Russell Electronics	Rd 1 Box 539-S, Centre Hall	PA	16828	
▲Games to Learn By	2 South St. Box 575, Williamsburg	MA	01096	
▲Ganhart Rarhings	115 N. Rocking River Dr., Berea	OH	44017	
▲General Systems	2112 Rolling Rock Dr., Conley	GA	30027	
▲Consulting				
▲Gaganig Associates	PMB 852, Randallstown	MD	21133	301/922-0767
▲Gescheidt, Herman	1714 Clarendon Dr., Greensboro	NC	27410	
▲Gibson Data Systems	9 Orchard Dr., Durham	NH	03824	716/874-5510
▲Gladstone Electronics	90 Furhmann Blvd., Buffalo	NY	14203	703/651-3153
▲Group Technology Ltd.	PMB 87, Check	VA	24072	
▲Harmon, Len	4909 Clearlake Dr., Metairie	LA	70002	
▲Haug Wild Software	PMB 7668, Little Rock	AR	72217	501/221-7817
▲Health Computer Serv.	950 East 52 South, Greentown	IN	46936	317/628-3130
▲Heller Paper Co.	2123 E. 38th St., Brooklyn	NY	11234	
▲Hobby Robot Co.	PMB 887, Haleshurst	GA	31539	912/375-7821
▲Hunter	1630 Forest Hills Dr., Okemos	MI	48864	
▲Huron Valley Research	PMB 732, Highland	MI	48031	
▲Independence Research	PMB 197, Open	UT	84057	
▲Integrated Data Systems	11 Brighton Ave., Toronto	ON	M4H 1P3	
▲JH Audio	PMB 3295, Escondido	CA	92025	619/741-5132
▲JK Software	1852 Appleford St., Gloucester	ON	K1A 6T4	613/746-7869
▲KRC Software	PMB 448, Scottsburg	IN	47170	812/752-6071
▲K-Soft	845 Vallner, Naperville	IL	60540	312/961-1250
▲K2 Electronic Design	3990 Varsity Drive, Ann Arbor	MI	48104	313/971-6266
▲Kiebrough, B. F.	723 Kosselle Ave. Floor 2, Akron	OH	44307	
▲Knighted Computers	707 Highland St., Fulton	NY	13069	315/593-8219

Konder, Arnold	2 Jane St., New York	NY	10014	904/384-0054
▲Kuhn, John	1707 King St., Jacksonville	FL	32204	DE 19707
▲Lake, Virginia T.	PMB 351, Hockessin	DE	19707	617/372-5211
▲Luxtron Inc	241 Winter St, Haverhill	MA	01830	VA 98507
▲Magic World Software	PMB 1189, Olympia	WA	98507	301/927-2510
▲Maryland Book Exchange	4500 College Ave., College Park	MD	20740	319/556-2133
▲Mech. Design Analytals	1235 Hedera St., Dubuque	IA	52001	
Cons.				
▲Microsync Services	162R Harbore St, Keene	NH	03431	
▲MILL Research	32749 Avalon Crescent, Abbotsford	BC	V2T 3W9	
▲Montware	PO Box 318, NFLD	NC	07435	
▲Orange Coast Software	PMB 951, Midway City	CA	92655	
Corp				
▲People's Computer	25 700 Cerry, Warrenville	IL	60555	312/393-1507
▲Phonix Enterprises	1780 N. Dupont Hwy No. 17, Dover	DE	19901	302/734-0179
▲Pyramid Electronics	2174 Gulf Gate Dr., Sarasota	FL	33581	813/922-9574
▲Quicksliva	426 West Nakoma, San Antonio	TX	78216	512/340-3684
▲RAM Products	4736 N. Milwaukee Ave., Chicago	IL	60630	
▲RIST Computers	PMB 439 Ft Hamilton Sta, Brooklyn	NY	11209	212/259-4934
▲ROMpak	8206 Blackburn Ave, Los Angeles	CA	90048	
▲Rames International	48945 Van Dyke, Ulica	MI	48087	313/463-1795
▲Robotec	59 C St Ampoint Ind Park,	OH	43551	419/666-2410
▲S & S Company	Perryburg	IL	60101	312/628-8955
▲Second Base	388 W. Lake St., Addison	PA	16601	814/942-1871
▲Seymour, Paul F., P.E.	700 Lexington Ave, Altoona	PA	16601	201/827-9151
▲Sharp's	127 Mine Hill Rd., Sandston	VA	23150	804/737-4895
▲Sidoraki, Edward	PMB 882, Susquehanna	CA	92038	619/454-1023
▲Stamulston	PMB 2382, La Jolla	MA	02114	617/742-1828
▲Stinclair Research	50 Staniford St., Boston	NH	07419	505/988-2096
▲Sivare	PMB 8032, Santa Fe	MA	02173	
▲Siriusware	6 Turing Hill Rd., Lexington	CA	92028	619/728-6904
▲Skinner Electronic Ent.	PMB 787, Fallbrook	DC	20003	202/543-5891
▲Smalltime Software	519 Independence Ave. SE,			
Washington				
▲Smith, Kendrick	927 Hears Ct., Stanford	CA	94305	212/685-2080
▲Soft-May	3308 Midway Dr. #124, San Diego	NY	10016	415/493-7210
▲Softayne	14 E. 34th St, New York	CA	94305	512/447-8087
▲Software Solutions	922 Hears Ct., Stanford	TX	78760	
▲Speedware	PMB 19138, Austin	MO	63028	
▲Starburst Software	2214 Horne Rd., Festus	CA	95051	804/737-4895
▲Stock Market Software	3836 Halford Ave. #236, Santa Clara	VA	23150	415/665-8330
▲Stueber, Mark	127 9-Mile Rd., Sandston	CA	94116	213/448-4113
▲Sunset Electronics	2254 Taraval, San Francisco	CA	91734	
▲Synare	PMB 5177, El Monte	CT	06870	
▲TAG Software	PMB 688, Naugatuck	CA	90029	213/665-5111
▲T&J Computer Products	859 N. Virgil Ave., Los Angeles	FL	37415	615/877-6328
▲T&J Training Info Serv.	PMB 15219, Red Bank	TX	75901	305/296-6657
▲Tidwell, Vernon	1303 Whitehead St., Key West	MD	21133	301/665-6195
▲Timesa Software	3707 Donney Dale Dr., Randallstown	NY	08033	609/667-0031
▲UAS	PMB 612, Haddenfield	VA	22207	703/243-0545
▲Val Corporation	1621 N. Wakefield St., Arlington	TX	75210	703/971-1593
▲Wasserman, Harvey	4604 Apple Tree Dr., Alexandria	VA	22301	409/632-3757
▲White Lightning	Rte 4 Box 2240, Lutkin	NH	55902	507/285-2416
▲White, Al	308 16 1/2 Ave. SW, Rochester	MI	48959	
▲Wizard Works	PMB 64, Jefferson	NH	03583	
▲Woods, Tom	PMB 89, Jefferson	CA	91311	213/710-1430
▲York 10 Computerware	9525 Vassar Ave., Chatsworth	CA	91311	704/464-2142
▲ZK-Pending, Ltd.	PMB 25, Newton	NC	28658	212/296-2385
▲Zebra Systems Inc.	78-06 Jamaica Ave, Woodhaven	NY	11421	
Indicates a company that provides support for the TS2068				

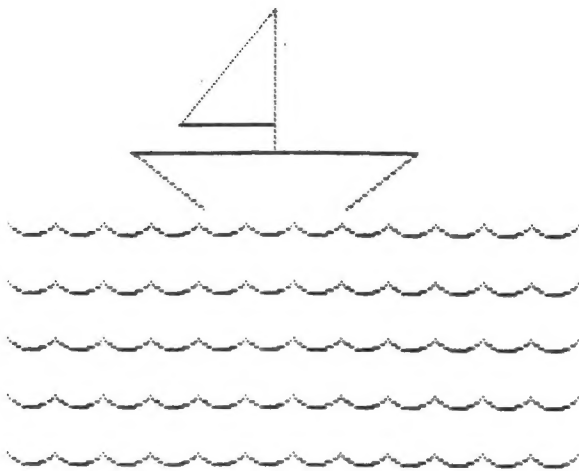
HAWG WILD SOFTWARE (TM)

P.O. Box 7668
LIMA ROCK, Arkansas 72217



TIMEXLY TIPS

THE "WATSON, COME HERE"
OF SINCUS MEMBERS
TUESDAY - JUNE 26, 1984



```

100 REM ***
110 BORDER 2: PAPER 5: CLS
120 PRINT "1"
130 FOR J=1 TO 5
140 PLOT 0,0
150 FOR I=1 TO 10
160 DRAW 20,0,0*PI
170 NEXT I
180 NEXT J
190 LET "4"=20
200 NEXT J
210 FOR I=1 TO 320
220 PRINT "PAPER 7;" " "
230 NEXT I
240 PLOT 150,0
250 DRAW 300,0
260 DRAW -100,0
270 DRAW 300,-100
280 PLOT 100,110
290 DRAW 0,0
300 DRAW -40,-40
310 DRAW 40,0
    
```

2068
FUN

Hi Gary
the connection is finally made
are you receiving?
Hi Ches.
Yes-you are S&S!!!!
Congrats !!!
This works fine but the cost of
communicating is high for the am
mount of info that gets sent
typing is not my forte..
.That's OK - you can always use
CIS and EMail!!! Why not send me
a letter that way tonite!
You can be short!!!
.....you have email waiting in
cis when you sign on.....Terrif
ic-why not sign off for now and
I'll show CIS off to my company!

O.K. i want to print this screen
first

THE ABOVE IS FIRST SINCLAIR-SINCLAIR
MESSAGE SENT USING MODEMS IN
LOCAL CLUB USE.

Thanks to John Colonna, SINCUS

```

100 REM inverse
110 PRINT "x"
120 FOR I=1 TO 10
130 DRAW 0,0
140 DRAW 100,10
150 LET "x"=100
160 NEXT I
170 NEXT J
    
```

```

100 REM charge
110 FOR I=1 TO 3
120 CLS
130 BEEP .15,0: BEEP .15,4: BEE
140 .15,7: BEEP .25,12: BEEP .15,0
150 BEEP .3,10
160 PRINT AT 10,7: FLASH 1;" C
170 BEEP .1
180 PAUSE 50
190 NEXT I
    
```

WHERE DO WE GO FROM HERE ?

WHERE DO WE GO FROM HERE

by Wes Brockwell, SINCUS

Here's an update on products available for our computers from third party vendors. Things have changed among the magazine since my last article bearing this title, and the illustration suggests that we'll do a lot of looking toward England this time.

SYNTAX has raised its subscription price to \$48 per year. TIMEX-Sinclair News is gone, or rather, has been absorbed by SYNTAX. I've been told that the newsletter TS USA (not to be confused with the defunct magazine TIMEX-Sinclair User) has ceased publication. If anyone has information to the contrary, please let me know. I've seen a copy of the magazine called BASIC. It was 16 pages, offset printed, and not bad, for the price.

Remember that with the market in its present state, there is no guarantee that any US publication will last long enough for a full year's subscription. Nevertheless, if you want outside information, you'll have to take the risk, and the fate of these publications is entirely in the hands of those willing to risk some faith in them.

The British "Sinclair Magazines" should continue to run strongly. Even now, Sinclair has a 40% market share in England, compared to second place Commodore's 28%. If anyone has decided to "take the plunge" and subscribe, please do let us know. The rest of us must consider that, with the exorbitant overseas subscription rates, and the near impossibility of obtaining replacement copies, the owners may be somewhat reluctant to loan them out. This is quite understandable, and we need to be extra courteous with regard to the very precious British products that may appear at upcoming SINCUS meetings. I expect they'll start appearing soon.

I show that optimism due to the availability of what has been referred to as the Spectrum Emulator, or Chameleon ROM. To give some background, it's possible to make a plug-in cartridge that can replace the system ROM. If that cartridge contained Spectrum BASIC, then the "S2000" would act very much like a Spectrum, able to run a lot of Spectrum software. A small percentage of Spectrum programs will still have problems due to hardware differences between the machines.

An added benefit to all this is that the proliferation of Spectrum software will allow us to find out what programs will also run on a standard TS1000.

Let the TS1000 and TS1500 users think they're being ignored it should be pointed out that British ZX-81 tapes should run fine on their machines, no emulator is necessary. There is one rare and highly obscure exception. The cassette/keyboard part also contains a bit that "tells" the ROM if this is a USA or the British version. This is used to set up the video format. Programs that read this part but don't decode it completely can have problems. This is why the WAIT program in the Softsync Toolkit doesn't work. Since the WAIT program is fairly useless, most of the Toolkit owners may be completely unaware of the problem. In any case, a little BASIC pattern search program can find the possible trouble spots, and they can be fixed up in no time.

I've included the addresses of some of the larger British software vendors, as well as addresses of institutions that have no counterpart over here. These are outfits that rent commercial program cassettes, paying a portion of your rental fee as a royalty to the original vendors.

I'm not sure which of the establishments listed here will ship to the US. We'll have to write and find out, but first let's set down some ground rules.

Some of these people may never have shipped to the US, or may have had some bad experiences in doing so. Remember that you want them to see that you're worth the extra bother of doing business with. Type your letter neatly, with a new ribbon, on a single sheet, in business format. Make sure there's sufficient postage on your envelope (40 cents is necessary for a 1 page letter).

In requesting information, it would be wise to include an International Postal Reply Coupon (65 cents, at your post office). This will pay the price of a small reply from overseas. It's not enough for them to ship a catalog, but it's a nice courtesy, and it might motivate them to write you even if they didn't want to do business. At least then you'd know and could try something else.

There's no need to ask which of their products work with Spectrum Emulator. At this point they will not know and may not care. Just ask about their Spectrum and ZX-81 products, pointing out that a lot of Spectrum software is now compatible with properly fitted American machines.

Do ask about what kinds of payment they'll accept. This can be a very sticky point, since they'll want Pounds Sterling not Dollars!

If you have a VISA credit card and they accept Barclaycard you may be able to charge your order. They'll get their pounds, and you'll be billed in dollars, and everyone will be happy.

If they don't accept VISA or other American credit cards there are other ways, but each has some disadvantages. A commercial bank (Marine Midland for example) can get you a check in pounds sterling drawn on a British Bank. This service is intended to move large sums of money, and the service charge is correspondingly high; about \$10.00 per check.

We commoners might prefer the 10% service charge on traveler's checks made out in pounds sterling. Again, go to a commercial bank for these. The problem is that you can't specify the exact value. In fact, you must buy blocks of certain values. You can choose among any of the following: 3-10#, 5-10#, 3-20#, 3-50#, 5-50#, or 10-50#. As I write this the exchange rate is \$1.35 per pound.

There's another way to specify nearly the exact amount, with reasonable service charges. Your post office can provide an international money order in pounds sterling. Ask for form 6701 and fill in the blanks. The service charge is under \$2.00, but depends on the amount you're sending. One problem is that you have to specify the amount in dollars, not pounds. You'll have to add a bit extra to account for currency fluctuations, because the money order may not be made out for a while. Your form goes somewhere in the midwest to a control office that produces the money order and sends it straight to the British vendor you're buying from. This means that your order and your money will arrive separately, allowing great potential for foul-ups. If you want to go this route anyway, be sure the vendor approves, first.

If you haven't been scared off yet here are some addresses:

* * SOFTWARE VENDORS * *

- 1.) QUICKSILVA MAIL ORDER, PO Box 6, Wimborne, Dorset BH21 7PN
- 2.) MELBOURNE HOUSE, 131 Trafalgar Rd. Greenwich, London SE18
- 3.) SOFTWARE SUPERMARKET, 87 Howards Lane, London SW15 6NV
- 4.) CRYSTAL COMPUTING, 2 Ashton Way, East Harrington, Sunderland SR3 3RX

WHERE DO WE GO FROM HERE? (CONTINUED FROM PAGE 5)

* * CASSETTE RENTAL * *

- 1.) THE SOFTWARE LENDING LIBRARY, PO Box 3, Castleford, West Yorkshire WF10 1UX
- 2.) KERNOW SOFTWARE LIBRARY, 55 Elliot Drive, St Germans, Saltash, Cornwall PL12 5NL
- 3.) NATIONAL SOFTWARE LIBRARY, 200 Mulgrave Road, Chess, Surrey SM2 5UT
- 4.) SOFTWARE LIBRARY, Farnham Road, West Liss, Hants GU33 6GU

* Don't forget to put the word "ENGLAND" after each address!! *

This should be enough for TS1000 and TS1500 owners. TS2068 users will also need the Spectrum Emulator. The EMU-1 is available from either:

- 1.) DOUG DEWEY, 206 James St. Carrboro, NC 27510, write for price and other details.
- 2.) HANG WILD SOFTWARE, PO Box 7668, Little Rock, Arkansas, 72217 price-\$60.00 + \$2.00 post/hand

Ed. NOTE- the emulator is available from other sources for as little as \$27.95. Come to the August meeting for more details!

HANG WILD also has some Spectrum software, and will give a \$5.00 discount on the Emulator if purchased with a Spectrum cassette.

If you get a Spectrum Emulator, you may also want a Spectrum manual. This, and other Spectrum supplies (I don't know what that means, either) are reportedly available from:

COMPUTERS OF WIGMORE ST, 87 Wigmore St. London W1M 9SA
(I don't have any prices at the moment)

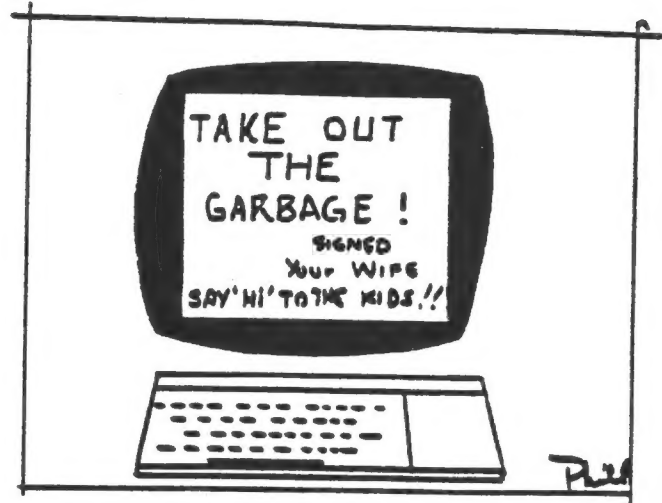
The true aficionados might want Ian Logan's Spectrum ROM disassembly. I'm told that Zebra (in the US) has these.

While some readers will welcome the above information, others will see it as the best argument yet to buy American. For these people, there is good news. An establishment called the TIMEX/Singlair Training Information Service, PO Box 15214, Red Bank, PA 37415, has compiled a listing of TS2068 products available from various vendors, and placed it on a catalog-cassette. Updated bi-weekly, it lists over 100 different products. Advertising is free, so the listing has the potential to become fairly complete. Single copies are \$3.00, but updates (you return the cassette for these) are much less. Subscriptions are available. Sounds like a great idea!

Now a question for the audience. Does anyone know where I can get a schematic of the old ZX-82/Microace Video Upgrade Kit? The one that allowed the SLOW mode to work on those old machines. Readers outside our local area, who might like to help, please contact me care of this newsletter.

Once again, if anyone has any questions or information they would like to share, let me know. You'll see it here in the future.

Wes Brzozowski
SINCUS



Thanks to Paul Hill, SINCUS



SECRETARY'S REPORT:
JUNE 22 Meeting:

At 7pm. June 20, we meet at the Vestal Public Library, 37 in attendance. Charles Koeth, Carl Morris and Gary Ennis had demos and Gary Cole discussed plans for the July 22 SINCUS Picnic. We hope all can make it, and make it a FAMILY affair.

Charles Koeth explained the different types of keyboards that are available, basically how they work and which is easiest to hook up. He demoed the boards he had wired up, drew charts to help show the functions and let anyone use them for a hands on demo.

Carl Morris showed the MMFY-REZ 64K Ram that he brought from E. Arthur Brown Co. He had connected it to the TS1500 (one of the few in society). The MMRY-REZ features a switchable 8-16K area, HI-RES graphics (192 x 256). It comes with software and a demo program. To draw a CIRCLE enter 'c' and then enter the radius and a circle is there. You can switch back and forth between screens to create animation. There are advanced software cassettes available. This can work on the ZX81, and TS 1000/1500. (ed. note: if this came out in lieu of the 2068, we'd all be looking for this!)

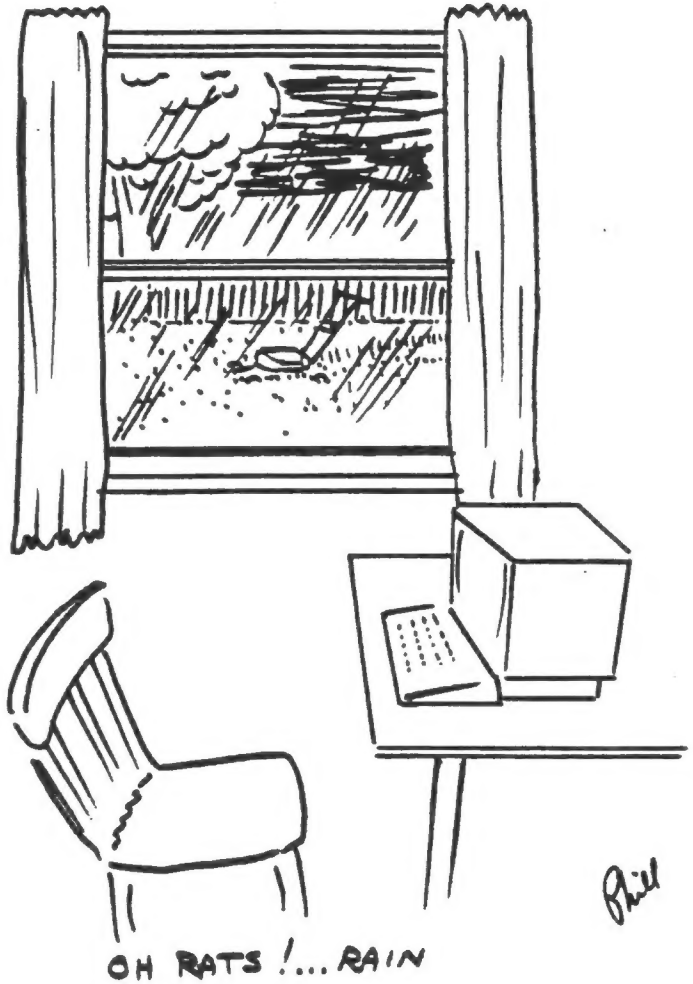
Gary Ennis had video taped a half hour with Compuserve. The difficulty of connecting before 10pm, and the lack of a phone line, had us wondering where and when to demo Compuserve. The VCP solved the problems and once the 5" TV screen was figured out we were treated to an interesting run through of the modem and Compuserve. Maybe later on we'll have another show and maybe the Source? We appreciate the TIME, effort and talent that went into these demos.

Thanks Charlie, Carl and Gary.

This was my last meeting as President, and I was very impressed with the talks/demos. We've come a long way in the last year and a half, the room was just about packed, four new members signed up and we didn't get out until almost 10pm. Thank you for the place and the Cartoon Gary. Thank you to all the officers who served with me and to all the members who keep coming to the meets. Again, apologies to the people who got the dues due notices by mistake. Thanks to all the members who demoed or talked or showed their hardware/software over the past year. And a VCP BIG thanks to G.E. for the SINCUS NEWS.

Paul Hill
SINCUS

Thanks to Paul Hill, SINCUS



TRIPLE CITIES BBS

LOCAL BULLETIN BOARDS YOU
CAN ACCESS WITH A MODEM

JOHNSON CITY 797-6416

RADIO SHACK 722-0739

TARI - LEAVE MSG. ON J.C. THAT
YOU WANT TO REGISTER

AREA CODE 607

16K RAM pack TEST
TYPE IN then RUN

```

1 00000000 10000000 00
001 00000000 10000000 11
000 00000000 10000000 0
004 00000000 10000000 07
005 00000000 10000000 00
006 00000000 10000000 77
007 00000000 10000000 001
008 00000000 10000000 000
024: "X" INT (0000) (10000) -16370) /1

```

7

SECRETARY'S REPORT:

JULY 18 MEETING

NOTE: WE HAVE A NEW MEETING LOCATION!!!!

***** NEW MEETING PLACE *****

First City National Bank (branch office)
Vestal Parkway at Murray Hill Road
Across from SUNY-Binghamton
Next to Doco's Restaurant
Lots of free parking - the room is downstairs
Best to enter from Old Vestal Road

MEETING DATES

(still THIRD Wednesday)

- WED. AUGUST 15 7:00 PM
WED. SEPTEMBER 19 7:00 PM
WED. OCTOBER 17 7:00 PM
WED. NOVEMBER 21 7:00 PM
WED. DECEMBER 19 7:00 PM

We still have a room for meetings reserved at the Vestal Library and we can have classes in the following subjects:

- Beginning BASIC Paul Hill, instructor
Machine Code Programming John Sims, instructor
Advanced BASIC Gary Ennis, instructor

Dates of these meetings will be:

- TUESDAY September 16 7:00 PM
THURSDAY October 25 7:00 PM
TUESDAY November 22 7:00 PM
TUESDAY December 18 7:00 PM
TUESDAY January 15 7:00 PM

SIGN UP at the next meeting so we can have a good class-

**** Coming Soon **** Disc drive for your 2068. According to Knighted Computers, the Ashley 1 will have a Parallel Interface, a serial interface, and a disk interface (with on board memory and can handle RGB. The 3 1/4" disc drives store 64). Expected very soon!

Jim Lamb, a Binghamton, NY city policeman demonstrated how he uses the TS2068 in his line of work. Jim loads "VU-FILE" up and uses the program as a reference, a card file, a data base for reports and records inventory. He has set up 18 fields per page covering everything he does in crime and accident prevention to arrests. With the TS2068 on his desk running 8 hours a day and with nary a crash, he can practically instantly call up any page based on very minimum data. It is quicker and easier to use the city computer system, and with less known data, he can 3 pages of info. In preparing his daily, weekly, and annual reports, he can change the printout format for his 2040 printer, paste the strips on 6 1/2 x 11 paper, and photocopy and the report is done! Jim had a similar setup on his TS1000, using the organizer with the same results. Jim, who is a new member of Sincus, spends much of his time making presentations to the public in safety and accident prevention.

Ed Tribe, a new member, and a Deposit area school teacher send me the problem he was having with the TS1500. Last month I overheard Ed's problem, and lack of comprehension of it on the part of others. As there aren't many TS1500s around the group, I felt that only a hands on demo could get the problem across. Ed showed the TS1500 hooked up with the 16K RAM, and following the last issue of SYNC magazine's article on "Using RAM Packs" entered the following:

Plug in RAM pack, then type in:

```
POKE 16386,0
POKE 16389,192
NEW
PRINT ((PEEK 16388 + 256* PEEK 16389)-16384) 1024
```

THIS SHOULD RETURN A VALUE OF 32. NOT NECESSARILY 32K OF RAM, BUT THAT 16388 AND 16389 ARE FORKED CORRECTLY.

Using the following listing, all addresses will be tested from 16K to 32K and print out the failures.

```
10 FAST
20 FOR J= 32768 TO 49151
30 POKE J, 255
40 LET A= PEEK J
50 POKE J,0
60 LET B= PEEK J
70 IF A <> 255 OR B <> 0 THEN GOSUB 100
80 NEXT J
90 PRINT AT 10, 15: "END"
100 PRINT "ERROR AT ";J
110 RETURN
```

(ED. NOTE - CHANGE LINE 100 TO 105 AND ADD 100 SCROLL)

So this is what Ed entered time and time again, and got errors. Several suggestions were made, as to what the cause. Ed will report back next month his results. Pay attention cause there's gonna be a test!

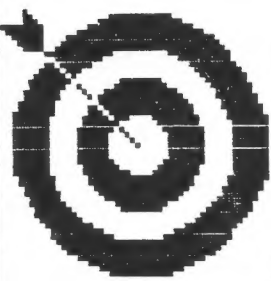
Wes Brzozowski, one of our charter members, contributed a demo of a homemade PLUS IN ROM P40. A small board with an EPROM which plugged into the Command Cartridge Slot ran a short demo program. Now that Wes has the TIMEX advanced technical manual on the 2068 I expect we'll hear a lot of neat ideas that one can do with a 2068 and a couple parts soldered together. Wes wrote a GRAPHICS Utility program that draws, saves, prints, colors, etc and he demoed it and let anyone copy it. I got a copy cause it is similar to the Graphic kit I was working on. Soon I'll have a Brzozowski-Hill-Schoenwetter Graphic Arts Paint by Joystick kit.

Final signup for the SINCUS picnic sheet was passed around. All come.

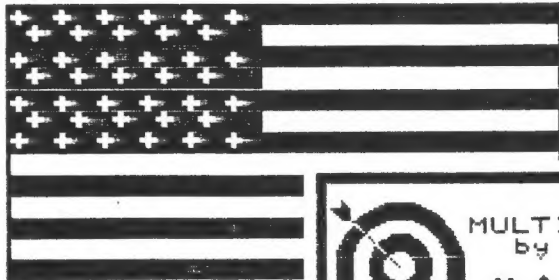
Ted Korany and myself have been busy on the upcoming CHESS MATCH between TX-Bis, TS2000s, TS2068s and the BIG BOYS...C-64s, ATARIS, and TRS-80s. we've thrown down the glove to the local user groups, and with a little luck, they'll take us on. Keep Sunday, OCTOBER 14, 2 PM OPEN!!

Paul Hill
SINCUS

SINCUS DUES
regular member \$8.00/YR.
Corresponding \$6.00/YR.



MULTI-DRAW 2068 ©
by Gary S. Ward



USE JOYSTICK TO:
-Create your own
characters, and
screen designs.

- Draw
- Edit
- Load
- Save
- Merge
- Copy
- Paste
- Clear
- Magnify
- Enter
- Command
- Flash
- Document

MULTI-DRAW 2068 ©
by Gary S. Ward

USE JOYSTICK TO:
-Create your own
characters, and
screen designs.
-Set attributes,
color and fill,
turn on or off
any pixel on the screen !!!
-Design a character and place
it anywhere on the screen.
-Redefine any or all user-
defined characters. * * * * *

-Save the program, or screen.
-Merge the program with your own.
-Clear screen - Copy to TS2040
-Copy screen to a full
size dot matrix printer (with
graphics capabilities) - must
use the AERCO Par I/F.
-Magnify a 4W x 3H portion of
screen for easy pixel work.
-Enter character strings (K/B)
-Enter Basic & use any of the
commands you want - Circle, Draw
Flash, or whatever you desire.
-DOCUMENTATION & INSTRUCTIONS
\$24.95
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MULTI-DRAW - 2068 ♥!♥!♥!♥

2K EXPRESS

by Gary Ennis

DIT- MAKE SURE YOU NOTE THE NEW MEETING PLACE

STARTING WITH AUGUST 15 MEETING

SINCUS MEETS THE THIRD WEDNESDAY OF EACH MONTH

FIRST CITY NATIONAL BANK

VESTAL PARKWAY at MURRAY HILL ROAD

Next to COCO's Restaurant
Across from SUNY-Binghaston

SEE YOU THERE EACH MONTH - IT SHOULD BE BETTER!

THANKS - To Paul Hill, again, for his efforts through the first two years of the life of SINCUS. And my heartfelt thanks to all SINCUS in entrusting me as your President.

PIDNIO - A band of Sinclair computer buffs invaded Glendale Park on a warm July 22, Sunday afternoon. The food was fine and the friendship as warm as the sunshine. All who attended enjoyed themselves. A Scroll of the Screen to the Town of Union Parks Department personnel who were so accommodating in trying to help us have a successful day. My personal opinion is that we might be better off next year by NOT bringing the computers though-the families were very patient!

RAFFLE - The PIDNIO had a raffle that raised \$6.25 and had the following winners:

TS2068 Software (donated by Wrighted Computers)

Dave Schoenwetter
Gary Ennis

TS1000 Software (donated by 2K EXPRESS)

Chris Muckey
Matthew Lecher
Ted Koranyi

CLASSES You've asked for organized instruction in programming so a new subgroup has been formed "Software Subgroup" with an initial emphasis on programming. Paul Hill will lead some classes on the fundamentals of Sinclair BASIC and getting started. John Sims (with an assist from me) will teach the fundamentals of machine code programming, and I will add advanced programming techniques in BASIC with an eye to converting to Sinclair BASIC from other home computers. So sign up at the next meeting and plan to attend the first class on September 16. We know it's two nights in a row, but the volunteer instructors have to do it too!

CHESS The date has been set for the CHESS-O-RAMA:

CHESS-O-RAMA
SUNDAY
OCTOBER 14, 1984
2:00 PM
VESTAL LIBRARY

I will videotape the Cowboy-Reckin game that day and anyone wanting to see it can see it later! So try to stop in for part of the day, we're challenging other user groups not so much to establish a clear winner as to promote the very existence of user groups!

NEWS According to my latest information, your magazine subscription in the defunct magazines is to be handled this way

TIMEX-Sinclair User you will get K POWER

SYNC you will get Creative Computing

HI TECH We are now fully produced on TASKORD. Many many thanks to Dave Schoenwetter for his help and patience in letting Editors visit his home on short notice and use up his paper while this is run on his Epson printer. So now the TS2068 works like a real computer!! Next thing to improve is the graphic art of the newsletter - though this one is loaded with good stuff.

MOZEMS The first Sinclair to Sinclair linkup was made on June 26 between Charles Koeth and myself - through no lack of confusion on my part as I kept trying to answer the phone instead of letting the TS2068 answer it. Of course everytime I picked it up, Charley's computer hung up!! Finally, the link was made - see the "Watson come here" message under TIMEXly Tips.

ARTICLES We really are very fortunate to have talented guys like Wes to write in depth articles on stuff you really do not get a chance to read about anywhere else. But we do need some articles that review software in particular. We've had VU-FILE at the meetings and in print, how about some of the others. If you use VU-CALC or PRD-FILE or BLOGGETER or any other software title, write a short article on how you use it, what you like about it, and etc.

AUTHOR Thanks to John Colonna for his contributions this month see the short programs on TIMEXly Tips for the TS2068 they are real fun.

RUMORS TIMESTAR (the reincarnation of the TS2068) is still a viable rumor. This time it even made the pages of that weekly INFOWORLD - and the article quoted a "TIMEX spokesman" as confirming "they were talking".

FACTS Telecommunications is growing. The number of TIMEX users listed in the voluntary index has doubled in a month, new bulletin boards are starting up in the Triple Cities, a new bulletin board (sponsored by SYNTAX) is supposed to debut this month on COMPUERVE and more people are learning that "Sociable Computers" are the look of the future whether that refers to a network in an office or using a modem with your home computer. We've been quoted some good prices on modems if several people buy them-so think about it. This is one deal that may only go down one time in the near future. The SMART II software that will allow you to load/save over the phone line (called UP/DOWN-LOAD) is to be out any day now - \$29.95.

THOUGHTS SINCUS is alive and well and headed forward. If you have not been to a meeting lately, try to make it to the August 15 one-you will be amazed at the enthusiasm and the level of performance we are now getting out of the machines. The future is arriving fast - Sinclair is very much a strong entry in the home computer market even if you have to dig a little to get the stuff you want to go with it. Come out and see it in action.

Gary Ennis
SINCUS
Editor/President